



**Centre for AIDS Reagents**

**Data Sheet**

Catalogue Number:	<b>100 973</b>
Reagent:	ConM SOSIP.v7
Lot Number:	Lot: MSIP528_250919A0120
Provided:	100 µg of purified protein at 1.0 mg/mL in PBS pH 7.2 (sterile filtered).
Purity:	>99.9% (Manufactured to GMP)
Description:	A stabilised Native-like Env trimer based on the consensus sequence of HIV-1 group M. Expressed recombinantly in a CHO a host cell line.
Special Characteristics:	Efficiently binds with quaternary structure-dependent bNAbs PG16, PGT145, PGT151, and 35O22 and showed decreased binding to undesirable V3-directed nNAb 19b
Recommended Storage:	Keep at -20°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	EAVI2020
References:	Sliepen et al. <a href="http://www.ncbi.nlm.nih.gov/pubmed/31142746">www.ncbi.nlm.nih.gov/pubmed/31142746</a> <i>Structure and immunogenicity of a stabilized HIV-1 envelope trimer based on a group-M consensus sequence</i> . Nat Commun. 2019 May 29;10(1):2355. doi: 10.1038/s41467-019-10262-5
NOTE:	Acknowledgment for publications should read "The following reagent was obtained from the Centre For AIDS Reagents (National Institute for Biological Standards and Control). Also include the reference cited above in any publications.